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PATENT  
Attorney Docket No. ASX-055

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S): Goodman et al.  
SERIAL NO.: 09/960,227 GROUP NO.: 2838  
FILING DATE: September 20, 2001 EXAMINER: Not Yet Assigned  
TITLE: RF POWER SUPPLY WITH INTEGRATED MATCHING  
NETWORK

Commissioner for Patents  
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with the provisions of 37 C.F.R. 1.97 and 1.98, Applicants hereby make of record the patents and publications listed on the accompanying Form PTO-1449, and other information contained herein, for consideration by the Examiner in connection with the examination of the above-identified patent application. Copies of the patents and publications are enclosed.

REMARKS

In accordance with the provisions of 37 C.F.R. 1.97, this statement is being filed (CHECK ONE):

- ☒ (1) within three (3) months of the **filing date** of a national application other than a continued prosecution application under 37 C.F.R. 1.53(d), or within three (3) months of the **date of entry of the national stage** as set forth in 37 C.F.R. 1.491 in an international application, or before the mailing of the **first Office action** on the merits, or before the mailing of a **first Office action** after the filing of a request for continued examination under 37 C.F.R. 1.114; or
- ☐ (2) after the period defined in (1) but before the mailing date of a **final action** or a **notice of allowance** under 37 C.F.R. 1.311, and
- ☐ the requisite Statement is below, **OR**
- ☐ the requisite fee under 37 C.F.R. 1.17(p), namely **\$180.00**, is included herein, or

- ☐ (3) after the mailing date of a **final action** or **notice of allowance** but before the payment of the **issue fee**, **AND**
- ☐ the requisite Statement is below, **AND**
- ☐ the requisite petition fee under 37 C.F.R. 1.17(p), namely **\$180.00** is included herein.

It is respectfully requested that each of the patents and publications listed on the attached Form PTO-1449, and other information contained herein, be made of record in this application.

### STATEMENT

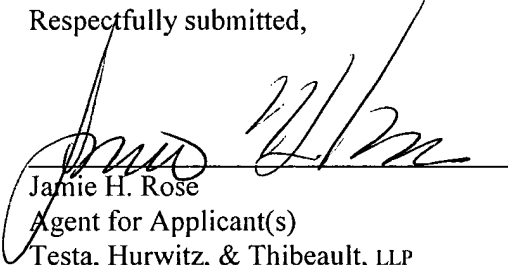
As required under 37 C.F.R. 1.97(e), Applicant(s), through the undersigned, hereby state either that [check the appropriate space only if either (2) or (3) is checked on the previous page and the Statement is required]:

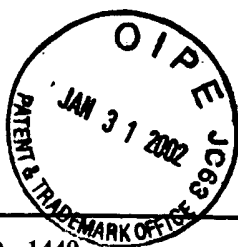
- ☐ 1. Each item of information contained in the Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application **not more than three months** prior to the filing of the Information Disclosure Statement; or
- ☐ 2. No item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing this Statement after making reasonable inquiry, no item of information contained in the Information Disclosure Statement was known to **any individual** designated in 37 C.F.R. 1.56(c) **more than three months** prior to the filing of the Information Disclosure Statement.

Respectfully submitted,

Date: January 18, 2002  
Reg. No. 45,054

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FORM PTO - 1449

## INFORMATION DISCLOSURE STATEMENT

ATTORNEY DOCKET NO.: ASX-055

APPLICANT(S): Goodman et al.

SERIAL NO.: 09/960,227

FILING DATE: September 20, 2001 GROUP: 2838

## U.S. PATENT DOCUMENTS

EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	A1	5,654,679	08/05/97	Mavretic et al.	333		
	A2	5,688,357	11/18/97	Hanawa	156		
	A3	6,020,795	02/01/00	Kim	333		
	A4	6,027,601	02/22/00	Hanawa	156		
	A5	6,211,745	04/03/01	Mucke et al.	331		
	A6	6,222,321	04/24/01	Scholl et al.	315		
	A7	6,229,392	05/08/01	Porter et al.	330		

## FOREIGN PATENT DOCUMENTS

EXAM. INIT.		DOCUMENT NUMBER	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISH LANG (Y/N)

## OTHER ART, JOURNAL ARTICLES, ETC.

EXAM. INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)								
	C1	Fujita et al., "A 2-MHz 6-kVA Voltage-Source Inverter Using Low-Profile MOSFET Modules for Low-Temperature Plasma Generators," <u>IEEE Transactions on Power Electronics</u> , Vol. 14, No. 6, November 1999.							
	C2	Raab, "Class- E HF Power Amplifier With Electronic Tuning and Modulation," <u>Int. Microwave Symp. Digest</u> , Vol. 3, pgs. 1513-1566, Phoenix AZ May 20-25, 2001.							
	C3	El-Hamamsy, "Design of High-Efficiency RF Class-D Power Amplifier," <u>IEEE Transactions on Power Electronics</u> , Vol. 9, No. 3, May 1994.							
	C4	Koizumi et al., "Class DE High-Efficiency Tuned Power Amplifier," <u>IEEE Transactions on Circuits and Systems-I: Fundamental Theory and Applications</u> , Vol. 43, No. 1, January 1996.							
	C5	Casey et al., "A High-Frequency, Low Volume, Point-of-Load Power Supply for Distributed Power Systems," <u>IEEE Transactions on Power Electronics</u> , Vol. 3, No. 1, January 1988, pgs. 72-82.							

EXAMINER

DATE CONSIDERED